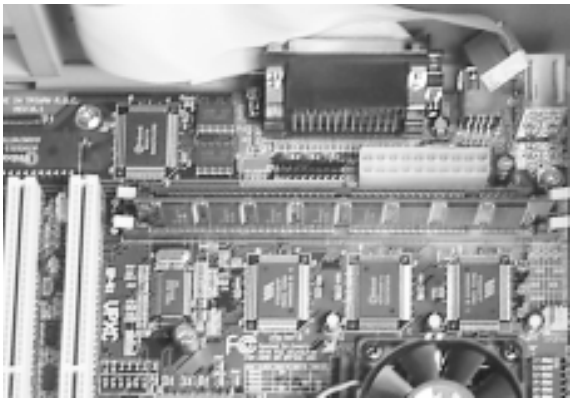
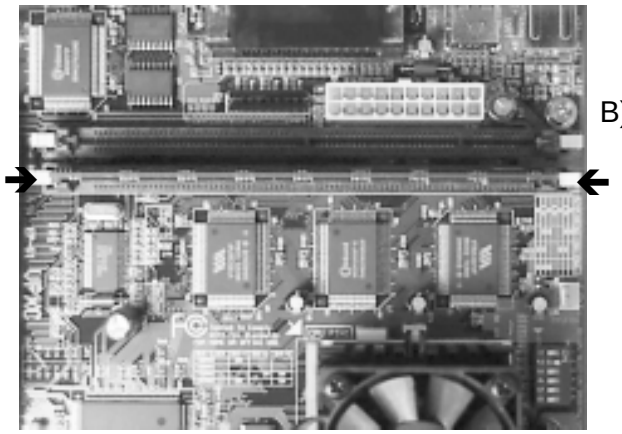
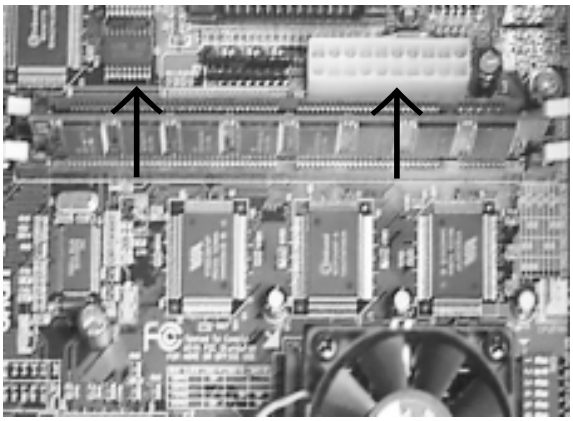
5. Removing RAM



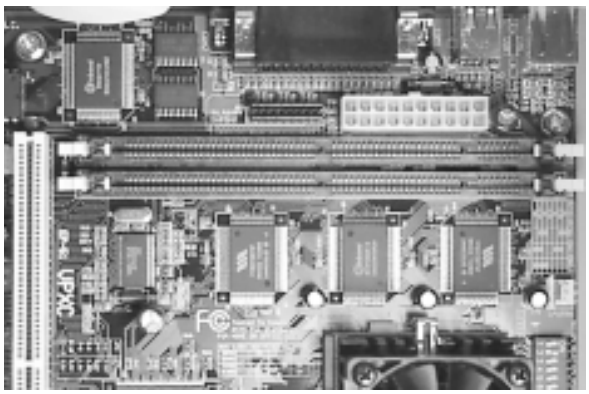
A) Remove the external covers, power supply unit, as explained above and orient the unit sideways.



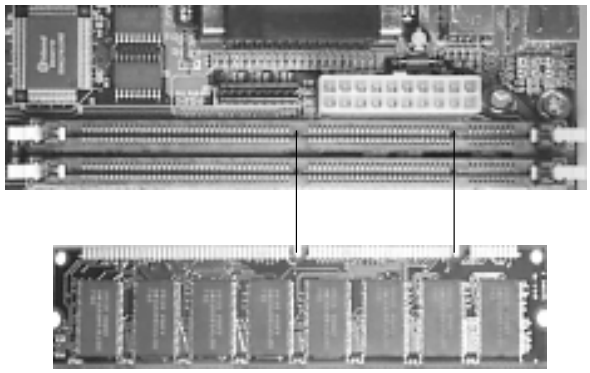
B) Starting with the top latch, apply gentle pressure until the DIMM begins to loosen from the top of the slot. Repeat this again with the bottom latch, holding the DIMM from the top as you apply pressure to the bottom latch. Repeat the above process until the DIMM module is free from the slot.



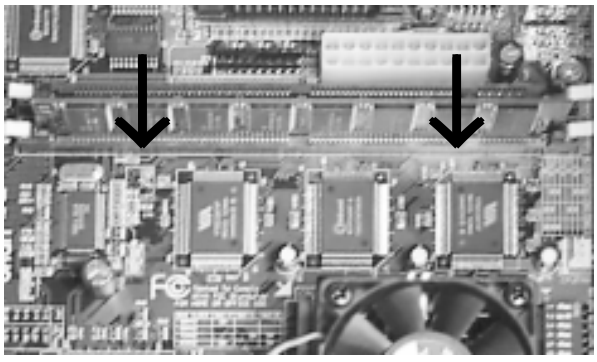
6. Installing RAM



A) Remove the external covers, power supply unit, OIF PCB and Ethernet network PCB as explained above and orient the unit on its side.



B) Align the notches on the DIMM module with the gaps in the DIMM slot. If only one DIMM module is being installed it must be fitted to the slot label DIMM1 on the motherboard.



C) Holding the DIMM module at a right angle to the DIMM socket, gently press the DIMM module into the socket from the top end. When the clip pops into place repeat the procedure with the bottom part of the DIMM module. When both clips have latched onto the DIMM module apply gentle pressure across the length of the DIMM to ensure that the module is properly seated in place.

7. Removing The Internal Hard Disk Drive

A) Remove the external covers, power supply unit, OIF PCB and Ethernet network PCB as explained above.

B) Disconnect the Hard drive data cable from the mother board.

C) Remove the four retaining screws from the front of the unit, being careful not to let the hard disk fall when the last screw is removed.

D) Disconnect the data cable and the 4 pin power connection that also connects to the processors fan.

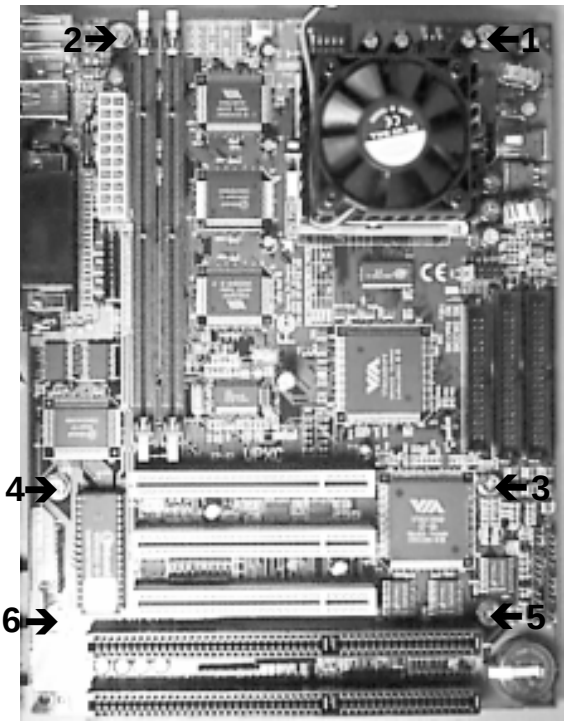
E) Lift the hard disk drive clear of the SC7700`s case.

The hard disk drive is a delicate device that is sensitive to damage from being banged or dropped. Handle the hard disk with care.

8. Motherboard

A) Remove the external covers, power supply unit, OIF PCB, Ethernet network PCB and RAM DIMM as explained above.

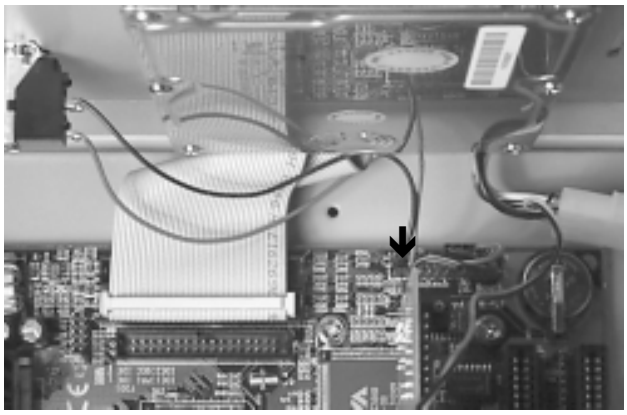
B) Remove the connection to the power switch, noting the orientation of the connector.

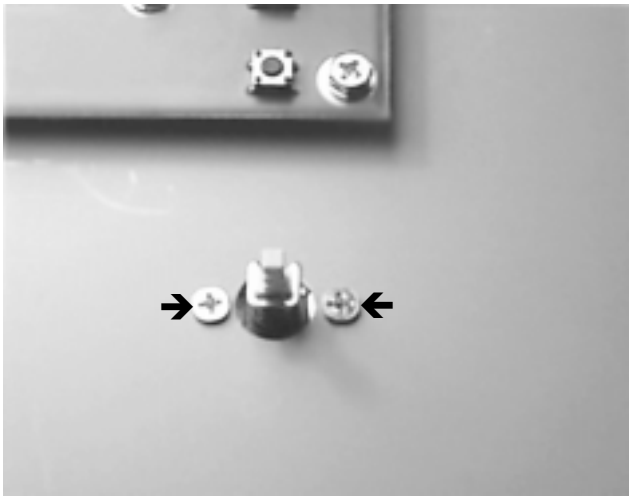


C) Remove the screws in the numbered order holding the motherboard into the SC7700`s case, being careful of the serial connection still attached to the motherboard.

D) Disconnect the serial connector from the motherboard that connects to the SC7700`s serial connector on the case.

E) Remove the motherboard from the case of the SC7700 by lifting upwards, being careful of the processor and fan assembly which is heavy and which may over balance the mother board as it is removed from the case.



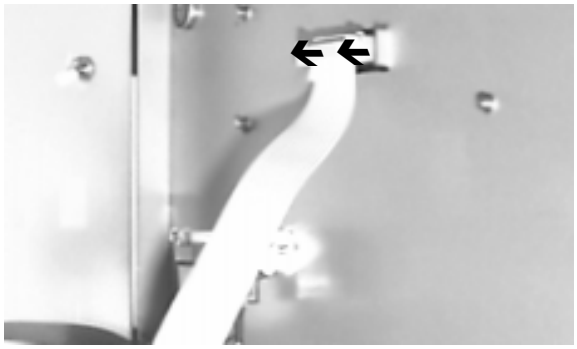


9. Front Power Switch

A) Remove the covers and PSU. Disconnect the cable connecting the front power switch to the motherboard.

B) Remove the two holding screws from the switch, located at the front of the SC7700, and lift the switch assembly and wires free from the SC7700 through the inside of the case.

10. Panel PCB



A) Remove the external covers and power supply unit.

B) Disconnect the panel PCB ribbon cable from the panel PCB socket.

C) Remove the five holding screws from the panel PCB as indicated in the picture.

D) Lift the panel PCB free from the SC7700`s casing and remove.